



FlexWorks coax fittings have advanced underground piping to a level which far surpasses any other flexible piping system on the market today.

Coax fittings have been in development since 1993 and have been rigorously tested under all types of conditions and carry the UL/ULC Listing along with the rest of the FlexWorks piping system.

OPW-FCS's unique coax fittings are manufactured from a glass composite thermo-plastic and are UL/ULC Listed for use with either single or double wall FlexWorks flexible underground piping. Coax fittings also allow the interstitial space of the double wall FlexWorks flexible piping to pass through the fitting eliminating the need for rubber test boots and connector tubes. Coax fittings can be installed in tank sumps, dispenser sumps or in applications where containment sumps are not used. They permit series, direct, or branch routing configurations of the FlexWorks piping system.

Note: Coax pipe adapters must be installed within a containment sump. All open secondaries must be contained in sump.

Features

- **UL/ULC listed for use with FlexWorks piping**
- **Glass composite thermo-plastic material**
- **All fittings are hand tightened**
- **Permits series, branch or direct routing**
- **Triple O-ring seals ensure tightness**

FlexWorks Coax Coupling and Fitting Ordering Specifications

Part #	Application
CPC-1502	1.5" Coax double wall pipe coupling
CPC-1502R	1.5" Coax double wall pipe coupling (retro style)
CPA-1520	1.5" Coax Pipe Adapter, 1-1/2" NPSM to 2" NPT
CTF-1515	1.5" Coax Tee
CTF-1515T	1.5" Coax tee with test port
CEF-1515	1.5" Coax elbow
CEF-1515T	1.5" Coax elbow with test port
CRA-1515	1.5" Coax riser pipe adapter (1.5" NPSM to 1.5" NPT)
CCC-1515	1.5" Coax connector coupling (connects two 1.5" coax couplings)
COK-0015	1.5" Coax O-Ring kit
CRN-0015	1.5" Coax replacement nut
CPC-2002	2" Coax double wall pipe coupling
CPC-2002R	2" Coax double wall pipe coupling (retro style)
CPA-2020	2" Coax Pipe Adapter, 2" NPSM to 2" NPT
CTF-2020	2" Coax Tee
CTF-2020T	2" Coax tee with test port
CEF-2020	2" Coax elbow
CEF-2020T	2" Coax elbow with test port
CRA-2015	2" Coax riser pipe adapter (2" NPSM to 1.5" NPT)
CRA-2020	2" Coax riser pipe adapter
COK-0020	2" Coax O-Ring kit
CRN-0020	2" Coax replacement nut



Coax Applications

Single Wall Piping

When used with FlexWorks Single Wall Piping, the coupling ferrule is sized to compress onto the outside of the primary pipe and connects to all double wall coax fittings.



Double Wall Piping

When used with FlexWorks double wall piping, the coupling ferrule is sized to compress onto the outside of the secondary jacket and connects to all double wall coax fittings.



Easy Installation

Coax Couplings



Coax couplings are installed to the ends of FlexWorks pipe sections. The couplings come pre-assembled and are attached to the pipe by using the FlexWorks coupling machine. There is no need to strip the outer jacket before attaching the coupling. Liquid pressure tightness is ensured with a triple O-ring seal. Two O-rings seal the primary while one O-ring seals the secondary.

Integrity Testing

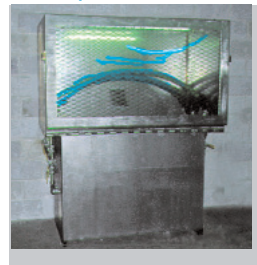
The FlexWorks coaxial fittings and couplings are UL/ULC listed. In addition, coax couplings and fittings have been thoroughly tested by OPW-FCS for long term performance and integrity. They have been subjected to severe impulse testing for over three million cycles (equal to 30 years of operation) in both low and high temperature conditions without leakage or deterioration.

Coax Fittings



The coax fittings are used to connect coupled FlexWorks pipe sections. The coax coupling connects to the non-metallic, double wall coax fitting by hand. No tools are required.

Impulse Machine



Ball Drop Test

